

In re Application of: Zatezalo et al.
Serial No.: 10/698,047
Filing Date: October 30, 2003
Preliminary Amendments

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1 (Canceled).

2 (Canceled).

3 (Canceled).

4 (Canceled).

5 (Canceled).

6 (Canceled).

7 (Canceled).

8 (Canceled).

9 (Canceled).

10 (Canceled).

11 (Canceled).

12 (Canceled).

13 (Canceled).

14 (Canceled).

15 (Currently Amended). A fluid injection system comprising:

an injector comprising a first drive mechanism, a second drive mechanism, a first illumination device and a second illumination device;

a first fluid container operably associated with the first drive mechanism, the first fluid container containing a first fluid;

a second fluid container operably associated with the second drive mechanism, the second fluid container containing a second fluid; and

a control device operably associated with the drive mechanism, the control device comprising a computer screen having ~~at least one~~ a first element affiliated with the first illumination device and ~~at least one~~ a second element affiliated with the second illumination device,

wherein the first illumination device and the ~~at least one~~ first element emit a first light color corresponding to the first fluid and the second illumination device and the ~~at least one~~ second element emit a second light color corresponding to the second fluid.

16 (Currently Amended). The fluid injection system of Claim 15 wherein the ~~at least one~~ first element and the ~~at least one~~ second element each comprises a symbol, an icon, a display field or a touch field.

17 (Currently Amended). The fluid injection system of Claim 15 wherein the ~~at least one~~ first element and the ~~at least one~~ second element each comprises a plurality of elements.

18 (Original). The fluid injection system of Claim 15 wherein the first fluid container comprises a syringe having a plunger and the first drive mechanism comprises a piston adapted to engage the plunger of the syringe.

19 (Original). The fluid injection system of Claim 15 wherein the first or second illumination device is adapted to assume different conditions depending on a state of the system.

20 (Original). The fluid injection system of Claim 19 wherein the first or second illumination device assumes a flashing condition when the system is in an armed state, a steady condition when the system is in an injection state or an off condition when the system is in a disarmed state.

21 (Currently Amended). The fluid injection system of Claim 15 wherein the first illumination device, the second illumination device, the ~~at least one~~ first element and the ~~at least one~~ second element cooperate to provide a visual indication of a status or a condition of the system.

22 (Original). The fluid injection system of Claim 15 wherein the computer screen comprises a touch screen.

23 (Currently Amended). A method of operating an injection system providing ~~visual stimuli~~ a color coding corresponding to a programmed injection protocol, the method comprising:

perceiving ~~visual stimuli~~ a color coding provided by an injector or a control device of the injector system;

recognizing a color pattern provided by the ~~visual stimuli~~ color coding;

correlating the recognized pattern to the programmed injection protocol;

determining whether the programmed injection protocol is a desired injection protocol;

and

initiating the programmed injection protocol, if it is determined that the programmed injection protocol is the desired injection protocol.

24 (Currently Amended). The method of Claim 23, further comprising:

interacting with the injector or the control device based on the recognized color pattern.

25 (Currently Amended). The method of Claim 23 wherein the ~~visual stimuli~~ color coding further comprises one or more of graphical, iconic, lexical, numerical, geometrical or ~~color stimuli~~ shaped configurations.

26 (Original). The method of Claim 23, further comprising:

altering the programmed injection protocol to correspond to the desired injection protocol; and,

initiating the altered injection protocol.

27 (New). The method of Claim 23 wherein a color coding on a computer screen of said control device of the injector system corresponds to the same color coding provided for the corresponding fluid container.

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28 (New). The method of Claim 27 wherein said fluid container is a syringe adapted to be operably engaged with a drive mechanism, said syringe containing a contrast medium or a flushing medium.

29 (New). The method of Claim 27 wherein multiple color codings showing on a computer screen of said control device of the injector system correspond to multiple color codings associated with the fluid containers.

30 (New). The method of Claim 29 wherein a first syringe containing a flushing medium is coded by a color corresponding to a flushing phase showing on the computer screen, and a second syringe containing a contrast medium is coded by another color corresponding to the contrast phase showing on the computer screen.

31 (New). The fluid injection system of Claim 21 wherein the visual indication of a status or a condition of the system further comprises one or more of graphical, iconic, lexical, numerical, geometrical or shaped configurations.